

**PATENT**  
Docket No. 12219/39

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS : Shinichi MIHARA et al.  
SERIAL NO. : (Unassigned)  
FILED : (Herewith)  
FOR : ZOOM LENS, AND ELECTRONIC IMAGING SYSTEM  
USING THE SAME  
GROUP ART UNIT (Unassigned)  
Examiner : (Unassigned)

**PRELIMINARY AMENDMENT**

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Prior to calculation of the filing fee and prior to examination of the above-identified application, please enter the following amendments.

**In the Claims:**

Please amend claims 7-12, and 19-20, as follows:

7. The zoom lens according to claim 1 or 4, wherein the lens group A comprises a subgroup A1 comprising a negative meniscus lens convex on an object side thereof, a reflecting optical element for bending an optical path and a subgroup A2 comprising at least positive lens.

8. The zoom lens according to claim 1 or 4, which further comprises lens groups on an image side of the zoom lens with respect to the aperture stop, wherein focusing is performed with any of the lens groups located on the image side.



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| Examiner Brandi Thomas | USPTO   | 571-273-2341 |       |

**Comments:**

In accordance with your request, attached is a copy of the Preliminary Amendment and the original claims as filed on July 31, 2003.

John C. Altmiller

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